

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/547,849
Source: IFWP
Date Processed by STIC: 11/3/06

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/547,849

DATE: 11/03/2006
TIME: 10:24:54

Input Set : A:\PROL-P01-040.TXT
Output Set: N:\CRF4\11032006\J547849.raw

4 <110> APPLICANT: Reiss, Yuval
 5 Taglight, Daniel N.
 6 Alroy, Iris
 7 Tuvia, Shmuel
 8 Barr, Haim Michael
 11 <120> TITLE OF INVENTION: CBL-B POLYPEPTIDES, COMPLEXES AND
 12 RELATED METHODS
 14 <130> FILE REFERENCE: PROL-P01-040
 16 <140> CURRENT APPLICATION NUMBER: US 10/547,849
 C--> 17 <141> CURRENT FILING DATE: 2005-09-02
 19 <150> PRIOR APPLICATION NUMBER: US 60/452,284
 20 <151> PRIOR FILING DATE: 2003-03-05
 22 <150> PRIOR APPLICATION NUMBER: US 60/456,640
 23 <151> PRIOR FILING DATE: 2003-03-20
 25 <150> PRIOR APPLICATION NUMBER: US 60/469,462
 26 <151> PRIOR FILING DATE: 2003-05-09
 28 <150> PRIOR APPLICATION NUMBER: US 60/471,378
 29 <151> PRIOR FILING DATE: 2003-05-15
 31 <150> PRIOR APPLICATION NUMBER: US 60/480,376
 32 <151> PRIOR FILING DATE: 2003-06-19
 34 <150> PRIOR APPLICATION NUMBER: US 60/480,215
 35 <151> PRIOR FILING DATE: 2003-06-19
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 42 <211> LENGTH: 2667
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Homo sapiens
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 49 gtaggttctc gaaatgaact cagatgtccc gatgtcagga ctcttggatggatc 180
 50 gagggagcttc ccagtaacat cttgtctggc agacttctgg atggcatcaa acagaggcct 240
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 52 agcagcactg tggctaatttgc tagctaaaaat gatctgcaga gtcggccaggccggacacgcag 360
 53 cctcggtgc aatcctggag cccccccatgttggggatatac ctcagttacc atgtgcacaa 420
 54 gcgttatatac actatgaagg aaaagacgccttggatggacaccaa aattcagccaa aggccgacatc 480
 55 atcattttgc gaagacaagt gatggaaaat ttgttaccatg gggaaatgttcaatggatccat 540
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 58 tttgcaaaagg atgatgttct gactgtgatc cgaagatgtgg atgaaaactgttggatggatcc 720
 59 atgctggcag acaaaatagg aatatttcca atttcatatg ttgatgtttaa ctcggctgtct 780
 60 aagcagctga tagaatggtaa taaggccctt gtgccaggatggatgttcc 840

Nel P. b

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61 tcggcagcag cccagagcag cactgcccc aagcactccg acaccaagaa gaacaccaaa 900
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63 cggcactcca tggagatcg ccccccgtc ctcatcgct ccagcaaccc cactgctgct 1020
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65 accaccgggt taatttgtac cccggcccca agcagcccg tgacaactgg cccctcggtt 1140
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67 ccacccctc tcctggctgc cactgttcctt gctccacac caccaggcgc caccggcc 1260
68 gctgctgctg ctggaatggg accgaggccc atggcaggat ccactgacca gattgcacat 1320
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93 <210> SEQ'ID NO: 2

94 <211> LENGTH: 888

95 <212> TYPE: PRT

96 <213> ORGANISM: Homo sapiens

98 <400> SEQUENCE: 2

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102 20 25 30
103 Cys Lys Arg Cys Leu Leu Gly Ile Val Gly Ser Arg Asn Glu Leu Arg
104 35 40 45
105 Cys Pro Glu Cys Arg Thr Leu Val Gly Ser Gly Val Glu Glu Leu Pro
106 50 55 60
107 Ser Asn Ile Leu Leu Val Arg Leu Leu Asp Gly Ile Lys Gln Arg Pro
108 65 70 75 80
109 Trp Lys Pro Gly Pro Gly Gly Ser Gly Thr Asn Cys Thr Asn Ala
110 85 90 95
111 Leu Arg Ser Gln Ser Ser Thr Val Ala Asn Cys Ser Ser Lys Asp Leu

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115	Pro Val Arg Gly Ile Pro Gln Leu Pro Cys Ala Lys Ala Leu Tyr Asn		
116	130	135	140
117	Tyr Glu Gly Lys Glu Pro Gly Asp Leu Lys Phe Ser Lys Gly Asp Ile		
118	145	150	155
119	Ile Ile Leu Arg Arg Gln Val Asp Glu Asn Trp Tyr His Gly Glu Val		
120	165	170	175
121	Asn Gly Ile His Gly Phe Phe Pro Thr Asn Phe Val Gln Ile Ile Lys		
122	180	185	190
123	Pro Leu Pro Gln Pro Pro Gln Cys Lys Ala Leu Tyr Asp Phe Glu		
124	195	200	205
125	Val Lys Asp Lys Glu Ala Asp Lys Asp Cys Leu Pro Phe Ala Lys Asp		
126	210	215	220
127	Asp Val Leu Thr Val Ile Arg Arg Val Asp Glu Asn Trp Ala Glu Gly		
128	225	230	235
129	Met Leu Ala Asp Lys Ile Gly Ile Phe Pro Ile Ser Tyr Val Glu Phe		
130	245	250	255
131	Asn Ser Ala Ala Lys Gln Leu Ile Glu Trp Asp Lys Pro Pro Val Pro		
132	260	265	270
133	Gly Val Asp Ala Gly Glu Cys Ser Ser Ala Ala Gln Ser Ser Thr		
134	275	280	285
135	Ala Pro Lys His Ser Asp Thr Lys Lys Asn Thr Lys Lys Arg His Ser		
136	290	295	300
137	Phe Thr Ser Leu Thr Met Ala Asn Lys Ser Ser Gln Ala Ser Gln Asn		
138	305	310	315
139	Arg His Ser Met Glu Ile Ser Pro Pro Val Leu Ile Ser Ser Ser Asn		
140	325	330	335
141	Pro Thr Ala Ala Ala Arg Ile Ser Glu Leu Ser Gly Leu Ser Cys Ser		
142	340	345	350
143	Ala Pro Ser Gln Val His Ile Ser Thr Thr Gly Leu Ile Val Thr Pro		
144	355	360	365
145	Pro Pro Ser Ser Pro Val Thr Thr Gly Pro Ser Phe Thr Phe Pro Ser		
146	370	375	380
147	Asp Val Pro Tyr Gln Ala Ala Leu Gly Thr Leu Asn Pro Pro Leu Pro		
148	385	390	395
149	Pro Pro Pro Leu Leu Ala Ala Thr Val Leu Ala Ser Thr Pro Pro Gly		
150	405	410	415
151	Ala Thr Ala Ala Ala Ala Ala Gly Met Gly Pro Arg Pro Met Ala		
152	420	425	430
153	Gly Ser Thr Asp Gln Ile Ala His Leu Arg Pro Gln Thr Arg Pro Ser		
154	435	440	445
155	Val Tyr Val Ala Ile Tyr Pro Tyr Thr Pro Arg Lys Glu Asp Glu Leu		
156	450	455	460
157	Glu Leu Arg Lys Gly Glu Met Phe Leu Val Phe Glu Arg Cys Gln Asp		
158	465	470	475
159	Gly Trp Phe Lys Gly Thr Ser Met His Thr Ser Lys Ile Gly Val Phe		
160	485	490	495

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 163 Gln Ala Lys Val Pro Met Ser Thr Ala Gly Gln Thr Ser Arg Gly Val
 164 515 520 525
 165 Thr Met Val Ser Pro Ser Thr Ala Gly Gly Pro Ala Gln Lys Leu Gln
 166 530 535 540
 167 Gly Asn Gly Val Ala Gly Ser Pro Ser Val Val Pro Ala Ala Val Val
 168 545 550 555 560
 169 Ser Ala Ala His Ile Gln Thr Ser Pro Gln Ala Lys Val Leu Leu His
 170 565 570 575
 171 Met Thr Gly Gln Met Thr Val Asn Gln Ala Arg Asn Ala Val Arg Thr
 172 580 585 590
 173 Val Ala Ala His Asn Gln Glu Arg Pro Thr Ala Ala Val Thr Pro Ile
 174 595 600 605
 175 Gln Val Gln Asn Ala Ala Gly Leu Ser Pro Ala Ser Val Gly Leu Ser
 176 610 615 620
 177 His His Ser Leu Ala Ser Pro Gln Pro Ala Pro Leu Met Pro Gly Ser
 178 625 630 635 640
 179 Ala Thr His Thr Ala Ala Ile Ser Ile Ser Arg Ala Ser Ala Pro Leu
 180 645 650 655
 181 Ala Cys Ala Ala Ala Pro Leu Thr Ser Pro Ser Ile Thr Ser Ala
 182 660 665 670
 183 Ser Leu Glu Ala Glu Pro Ser Gly Arg Ile Val Thr Val Leu Pro Gly
 184 675 680 685
 185 Leu Pro Thr Ser Pro Asp Ser Ala Ser Ser Ala Cys Gly Asn Ser Ser
 186 690 695 700
 187 Ala Thr Lys Pro Asp Lys Asp Ser Lys Lys Glu Lys Lys Gly Leu Leu
 188 705 710 715 720
 189 Lys Leu Leu Ser Gly Ala Ser Thr Lys Arg Lys Pro Arg Val Ser Pro
 190 725 730 735
 191 Pro Ala Ser Pro Thr Leu Glu Val Glu Leu Gly Ser Ala Glu Leu Pro
 192 740 745 750
 193 Leu Gln Gly Ala Val Gly Pro Glu Leu Pro Pro Gly Gly His Gly
 194 755 760 765
 195 Arg Ala Gly Ser Cys Pro Val Asp Gly Asp Gly Pro Val Thr Thr Ala
 196 770 775 780
 197 Val Ala Gly Ala Ala Leu Ala Gln Asp Ala Phe His Arg Lys Ala Ser
 198 785 790 795 800
 199 Ser Leu Asp Ser Ala Val Pro Ile Ala Pro Pro Pro Arg Gln Ala Cys
 200 805 810 815
 201 Ser Ser Leu Gly Pro Val Leu Asn Glu Ser Arg Pro Val Val Cys Glu
 202 820 825 830
 203 Arg His Arg Val Val Val Ser Tyr Pro Pro Gln Ser Glu Ala Glu Leu
 204 835 840 845
 205 Glu Leu Lys Glu Gly Asp Ile Val Phe Val His Lys Lys Arg Glu Asp
 206 850 855 860
 207 Gly Trp Phe Lys Gly Thr Leu Gln Arg Asn Gly Lys Thr Gly Leu Phe
 208 865 870 875 880
 209 Pro Gly Ser Phe Val Glu Asn Ile

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Input Set : A:\PROL-P01-040.TXT
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210 885
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214 <211> LENGTH: 5128
215 <212> TYPE: DNA
216 <213> ORGANISM: Homo sapiens
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221 gttacatgag tcattttaag ggatgcacac aactatgaac atttctgaag atttttctc 180
222 agtaaaatgtg ataaaatcgg atgaatcgc cttgttggat cttttggagt gtccgggttg 240
223 tcttagagcgc cttgtatgc ttgcgaagt cttgccttgc cagcatacgt tttcaagcg 300
224 atgtttgtg gggatcgtag gttctcgaaa tgaactcaga tgcgtccggat gcaggactct 360
225 tgggtggctcg ggtgtcgagg agcttcccac taacatcttgc ctggtcagac ttctggatgg 420
226 catcaaacag aggcccttggaa aaccctggcc tgggtggggaa agtggggacca actgcacaaa 480
227 tgcatatggaa tctcagagca gcactgtggc taattttagc tcaaaaagatc tgcaagagtc 540
228 ccaggccgga cagcagccctc gggtgcaatc ctggagcccc ccagtgggg gtataacctca 600
229 gtaccatgt gccaaggcgt tatacaacta tgaaggaaaa gagcctggag accttaattt 660
230 cagcaaaggc gacatcatca ttttgcgaag acaagttggat gaaaatttggt accatgggg 720
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261 qqacqqqqac qqaccqgtca cqactqcaqt qgcaqqqagca gcccggggcc aggtatgttt 2580

RAW SEQUENCE LISTING ERROR SUMMARY
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FYI
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:43; N Pos. 4,10,12,13,58,74,136,206,222,237,254,385,1336,1344,1347

Seq#:43; N Pos. 1350,1380,1392,1395,1400,1445

VERIFICATION SUMMARY
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L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:60
L:1612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:120
L:1613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:180
L:1614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:240
L:1616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:360
L:1632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:1320
L:1633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:1380
L:1634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:1440